EXHIBIT H

PART 1

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)

aaa accounting	aaa accounting	**Command Syntax**
		`aaa accounting TYPE CONNECTION MODE [METHOD_1] [METHOD_2] ... [METHOD_N]`
		`no aaa accounting TYPE CONNECTION`
		`default aaa accounting TYPE CONNECTION`
		Parameters
		• *TYPE* authorization type for which the command specifies a method list. Options include:
		— EXEC records user authentication events.
		— COMMANDS ALL records all entered commands.
		— COMMANDS *level* records entered commands of the specified *level* (ranges from 0 to 15).
		• *CONNECTION* connection type of sessions for which method lists are reported. Options include:
		— console console connection.
		— default all connections not covered by other command options.
		• *MODE* accounting mode that defines when accounting notices are sent. Options include:
		— none no notices are sent.
		— start-stop a *start* notice is sent when a process begins; a *stop* notice is sent when it ends.
		— stop-only a *stop* accounting record is generated after a process successfully completes.
		• *METHOD_X* server groups (methods) to which the switch can send accounting records. The switch sends the method list to the first listed group that is available.
		Parameter value is not specified if ***MODE*** is set to ***none***. If ***MODE*** is not set to ***none***, the command must provide at least one method. Each method is composed of one of the following:
		— group *name* the server group identified by *name*.
		— group radius server group that includes all defined RADIUS hosts.
		— group tacacs+ server group that includes all defined TACACS+ hosts.
		— logging log all accounting messages to syslog.

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)

aaa accounting dot1x	aaa accounting dot1x	**Command Syntax**
		`aaa accounting dot1x default MODE [METHOD_1] [METHOD_2] ... [METHOD_N]`
		`no aaa accounting dot1x default`
		`default aaa accounting dot1z default`
		Parameters
		• *MODE* accounting mode that defines when accounting notices are sent. Options include:
		— **start-stop** a *start* notice is sent when a process begins; a *stop* notice is sent when it ends.
		• *METHOD_X* server groups (methods) to which the switch can send accounting records. The switch sends the method list to the first listed group that is available.
		Parameter value is not specified if *MODE* is set to *none*. If *MODE* is not set to *none*, the command must provide at least one method. Each method is composed of one of the following:
		— **group** *name* the server group identified by *name*.
		— **group radius** server group that includes all defined RADIUS hosts.
		— **logging** server group that includes all defined TACACS+ hosts.

aaa authentication login	aaa authentication login	**Command Syntax**
		`aaa authentication login CONNECTION SERVICE_1 [SERVICE_2] ... [SERVICE_N]`
		`no aaa authentication login CONNECTION`
		`default aaa authentication login CONNECTION`
		Parameters
		• *CONNECTION* connection type of sessions for which authentication list is used
		— **default** the default authentication list.
		— **console** the authentication list for console logins.
		• *SERVICE_X* an authentication service. Settings include:
		— **group** *name* identifies a previously defined server group.
		— **group radius** a server group that consists of all defined RADIUS hosts.
		— **group tacacs+** a server group that consists of all defined TACACS+ hosts.
		— **local** local authentication.
		— **none** the switch does not perform authentication. All access attempts succeed.

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)

aaa authorization config-commands	aaa authorization config-commands	**Command Syntax**
		`aaa authorization config-commands`
		`no aaa authorization config-commands`
		`default aaa authorization config-commands`

aaa authorization console	aaa authorization console	**Command Syntax**
		`aaa authorization console`
		`no aaa authorization console`
		`default aaa authorization console`

aaa group server radius	aaa group server radius	**Command Syntax** `aaa group server radius` *group_name* `no aaa group server radius` *group_name* `default aaa group server radius` *group_name* **Parameters** • *group_name* name (text string) assigned to the group. Cannot be identical to a name already assigned to a TACACS+ server group.

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)
aaa group server tacacs+	aaa group server tacacs+	**Command Syntax** **aaa group server tacacs+** *group_name* **no aaa group server tacacs+** *group_name* **default aaa group server tacacs+** *group_name* **Parameters** • *group_name* name (text string) assigned to the group. Cannot be identical to a name already assigned to a RADIUS server group.
address-family	address-family	**Command Syntax** **bgp** ***ADDRESS_TYPE*** **no bgp** ***ADDRESS_TYPE*** **default bgp** ***ADDRESS_TYPE*** **Parameters** • *ADDRESS_FAMILY* Address family affected by subsequent commands. Options include: — **ipv4** IPv4 unicast — **ipv6** IPv6 unicast **Example** • These commands enter address family mode for IPv6-unicast, insert a command, then exit the mode: switch(config)#**router bgp 1** switch(config-router-bgp)#**address-family ipv6** switch(config-router-bgp-af)#**neighbor 172.10.1.1 activate** switch(config-router-bgp-af)#**exit** switch(config-router-bgp)#

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)
aggregate-address	aggregate-address	ate route. Options include: — <no parameter> ATOMIC_AGGREGATE attribute is set. Route contains no AS_PATH data. — **as-set** route includes AS_PATH information from contributor routes as AS_SET attributes. • ***SUMMARY*** controls advertisement of contributor routes. Options include: — <no parameter> contributor and aggregate routes are advertised. — **summary-only** contributor routes are not advertised. • ***ATTRIBUTE_MAP*** controls attribute assignments to the aggregate route. Options include: — <no parameter> attribute values are not assigned to route. — **attribute-map** *map_name* assigns attribute values in set commands of the map's permit clauses. Deny clauses and match commands in permit clauses are ignored. • ***MATCH_MAP*** filters contributors to the aggregate route. Options include: — <no parameter> no contributors are filtered. — **match-map** *map_name* filters contributor routes using the named match-map.

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)
area default-cost	area default-cost (OSPFv3)	**Command Syntax** **area** *area_id* **default-cost** *def_cost* **no area** *area_id* **default-cost** **default area** *area_id* **default-cost** **Parameters** • *area_id* area number. <**0** to **4294967295**> or <**0.0.0.0** to **255.255.255.255**> ***Running-config*** stores value in dotted decimal notation. • *def_cost* Values range from 1 to 65535.
area default-cost	area default-cost (OSPFv2)	**Command Syntax** **area** *area_id* **default-cost** *def_cost* **no area** *area_id* **default-cost** **default area** *area_id* **default-cost** **Parameters** • *area_id* area number. <**0** to **4294967295**> or <**0.0.0.0** to **255.255.255.255**> ***running-config*** stores value in dotted decimal notation. • *def_cost* Value ranges from 1 to 65535. Default value is 10.

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)

area nssa	area nssa (OSPFv2)	**Command Syntax**
		`area area_id nssa [TYPE]`
		`no area area_id nssa [TYPE]`
		`default area area_id nssa [TYPE]`
		All parameters except *area_id* can be placed in any order.
		Parameters
		• *area_id*
		Valid formats: integer <**1** to **4294967295**> or dotted decimal <**0.0.0.1** to **255.255.255.255**>
		Area 0 (or 0.0.0.0) is not configurable; it is always ***normal***.
		running-config stores value in dotted decimal notation.
		• ***TYPE*** area type. Values include:
		— <no parameter>
		— **nssa-only**

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)
area nssa	area nssa (OSPFv3)	**Command Syntax** **`area`** *`area_id`* **`nssa`** `[`***`TYPE`***`]` **`no area`** *`area_id`* **`nssa`** `[`***`TYPE`***`][` **`default area`** *`area_id`* **`nssa`** `[`***`TYPE`***`]` **Parameters** • *area_id* Valid formats: integer <**1** to **4294967295**> or dotted decimal <**0.0.0.1** to **255.255.255.255**> Area 0 (or 0.0.0.0) is not configurable; it is always ***normal***. ***Running-config*** stores value in dotted decimal notation. • ***TYPE*** • Values include: — <no parameter> **— nssa-only**
area nssa default-information-originate	area nssa default-information-originate (OSPFv2)	**Command Syntax** **`area`** *`area_id`* **`nssa default-information-originate`** `[`***`VALUE`***`][`***`TYPE`***`][`***`EXCL`***`]` **`no area`** *`area_id`* **`nssa default-information-originate`** **`default area`** *`area_id`* **`nssa default-information-originate`** All parameters except *area_id* can be placed in any order. **Parameters** • *area_id* Valid formats: integer <**1** to **4294967295**> or dotted decimal <**0.0.0.1** to **255.255.255.255**> Area 0 (or 0.0.0.0) is not configurable; it is always ***normal***. ***running-config*** stores value in dotted decimal notation. • ***VALUE*** Values include:

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)
		— <no parameter> Default value of 1. — **metric <*1-65535*>** • *TYPE* Values include: — <no parameter> — **metric-type <*1-2*>** • *EXCL* Values include: — <no parameter>. — **nssa-only**

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)
area nssa default-information-originate	area nssa default-information-originate (OSPFv3)	**Command Syntax** **area** *area_id* **nssa default-information-originate** [***VALUE***] [***TYPE***] [***EXCL***] **no area** *area_id* **nssa default-information-originate** [***VALUE***] [***TYPE***] [***EXCL***] **default area** *area_id* **nssa default-information-originate** [***VALUE***] [***TYPE***] [***EXCL***] All parameters except *area_id* can be placed in any order. **Parameters** • *area_id* Valid formats: integer <**1** to **4294967295**> or dotted decimal <**0.0.0.1** to **255.255.255.255**> Area 0 (or 0.0.0.0) is not configurable; it is always ***normal***. ***Running-config*** stores value in dotted decimal notation. • ***VALUE*** Values include: — <no parameter> — **metric <*1-65535*>** • ***TYPE*** Values include: — <no parameter> — **metric-type <*1-2*>** • ***EXCL*** Values include: — <no parameter> — **nssa-only**

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)
area nssa no-summary	area nssa no-summary (OSPFv2)	**Command Syntax** **area** *area_id* **nssa no-summary** **no area** *area_id* **nssa no-summary** **default area** *area_id* **nssa no-summary** **Parameters** • *area_id* area number. Valid formats: integer <**1** to **4294967295**> or dotted decimal <**0.0.0.1** to **255.255.255.255**> Area 0 (or 0.0.0.0) is not configurable; it is always ***normal***. ***running-config*** stores value in dotted decimal notation.
area nssa translate type7 always	area nssa translate type7 always (OSPFv2)	**Command Syntax** **area** *area_id* **nssa translate type7 always** **no** *area_id* **nssa translate type7 always** **default** *area_id* **nssa translate type7 always** **Parameters** • *area_id* area number. Valid formats: integer <**1** to **4294967295**> or dotted decimal <**0.0.0.1** to **255.255.255.255**> Area 0 (or 0.0.0.0) is not configurable; it is always ***normal***. ***running-config*** stores value in dotted decimal notation.

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)
area nssa translate type7 always	area nssa translate type7 always (OSPFv3)	**Command Syntax** **area** *area_id* **nssa translate type7 always** **no** *area_id* **nssa translate type7 always** **default** *area_id* **nssa translate type7 always** **Parameters** • *area_id* Valid formats: integer <**1** to **4294967295**> or dotted decimal <**0.0.0.1** to **255.255.255.255**> Area 0 (or 0.0.0.0) is not configurable; it is always ***normal***. ***Running-config*** stores value in dotted decimal notation.
area range	area range (OSPFv3)	**Command Syntax** **area** *area_id* **range** *net_addr* [***ADVERTISE_SETTING***] [***COST_SETTING***] **no area** *area_id* **range** *net_addr* [***ADVERTISE_SETTING***] [***COST_SETTING***] **default area** *area_id* **range** *net_addr* [***ADVERTISE_SETTING***] [***COST_SETTING***] **Parameters** • *area_id* <**0** to **4294967295**> or <**0.0.0.0** to **255.255.255.255**> • *net_addr* • *ADVERTISE_SETTING* specifies the LSA advertising activity. Values include — <no parameter> — **advertise** — **not-advertise** • *COST_SETTING* Values include — <no parameter> — **cost** *range_cost* Value ranges from 1 to 65535.

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)
area range	area range (OSPFv2)	**Command Syntax** **area** *area_id* **range** *net_addr* [*ADVERTISE_SETTING*] [*COST_SETTING*] **no area** *area_id* **range** *net_addr* [*ADVERTISE_SETTING*] [*COST_SETTING*] **default area** *area_id* **range** *net_addr* [*ADVERTISE_SETTING*] [*COST_SETTING*] **Parameters** • *area_id* area number. <**0** to **4294967295**> or <**0.0.0.0** to **255.255.255.255**> *running-config* stores value in dotted decimal notation. • *net_addr* • *ADVERTISE_SETTING* Values include — <no parameter> — **advertise** — **not-advertise** • *COST_SETTING* Values include — <no parameter> — **cost** *range_cost* Value ranges from 1 to 65535.

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)
area stub	area stub (OSPFv2)	**Command Syntax** **area** *area_id* **stub [summarize]** **no area** *area_id* **stub [summarize]** **default area** *area_id* **stub [summarize]** **Parameters** • *area_id* area number. Valid formats: integer <**1** to **4294967295**> or dotted decimal <**0.0.0.1** to **255.255.255.255**> Area 0 (or 0.0.0.0) is not configurable; it is always ***normal***. ***running-config*** stores value in dotted decimal notation. • ***SUMMARIZE*** area type. Values include: — <no parameter> **— no-summary**
area stub	area stub (OSPFv3)	**Command Syntax** **area** *area_id* **stub** **no area** *area_id* **stub** **default area** *area_id* **stub** **Parameters** • *area_id* Valid formats: integer <**1** to **4294967295**> or dotted decimal <**0.0.0.1** to **255.255.255.255**> Area 0 (or 0.0.0.0) is not configurable; it is always ***normal***. ***Running-config*** stores value in dotted decimal notation.

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)

arp timeout	arp timeout	**Command Syntax**
		`arp timeout` *`arp_time`*
		`no arp timeout`
		`default arp timeout`
		
		Parameters
		• *arp_time* ARP timeout period (seconds). Values range from 60 to 65535. Default value is 14400.

banner login	banner login	**Command Syntax**
		`banner login`
		`no banner login`
		`default banner login`
		
		Parameters
		• *banner_text* To configure the banner, enter a message when prompted. The message may span multiple lines. Banner text supports the following keywords:
		— **$(hostname)** displays the switch's host name.
		• **EOF** To end the banner editing session, type EOF on its own line and press **enter**.

banner motd	banner motd	**Command Syntax**
		`banner motd`
		`no banner motd`
		`default banner motd`
		
		Parameters
		• *banner_text* To configure the banner, enter a message when prompted. The message may span multiple lines. Banner text supports this keyword:
		— **$(hostname)** displays the switch's host name.
		• **EOF** To end the banner editing session, type EOF on its own line and press **enter**.

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)

bfd all-interfaces	bfd all-interfaces	**Command Syntax**
		`bfd all-interfaces`
		`no bfd all-interfaces`
		`default bfd all-interfaces`

bgp client-to-client reflection	bgp client-to-client reflection	**Command Syntax**
		`bgp client-to-client reflection`
		`no bgp client-to-client reflection`
		`default bgp client-to-client reflection`

bgp cluster-id	bgp cluster-id	**Command Syntax**
		`bgp cluster-id` ***`ID_NUM`***
		`no bgp cluster-id`
		`default bgp cluster-id`
		Parameters
		• *ID_NUM* cluster ID shared by all route reflectors in the cluster (32-bit dotted-decimal notation). Options include:
		— ***0.0.0.1*** to ***255.255.255.255*** valid cluster ID number.
		— ***0.0.0.0*** removes the cluster-ID from the switch. Equivalent to **no bgp cluster-id** command.

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)

bgp confederation identifier	bgp confederation identifier	**Command Syntax**
		`bgp confederation identifier` *`as_number`*
		`no bgp confederation identifier`
		`default bgp confederation identifier`
		Parameters
		• *as_number* the ID of BGP AS confederation. Value ranges from 1 to 4294967295.

bgp confederation peers	bgp confederation peers	**Command Syntax** `bgp confederation peers` *`as_range`* `no bgp confederation peers` *`as_range`* `default bgp confederation peers` *`as_range`* **Parameters** • *as_range* the Sub-AS number. *as_range* formats include number (from 1 to 4294967295), number range, or comma-delimited list of numbers and ranges.

bgp listen limit	bgp listen limit	**Command Syntax**
		`bgp listen limit` *`maximum`*
		`no bgp listen limit`
		`default bgp listen limit`
		Parameters
		• *maximum* the maximum number of dynamic BGP peers to be allowed on the switch. Values range from 1 to 1000; default value is 100.

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)

bgp log-neighbor-changes	bgp log-neighbor-changes	**Command Syntax**
		`bgp log-neighbor-changes`
		`no bgp log-neighbor-changes`
		`default bgp log-neighbor-changes`

bgp redistribute-internal	bgp redistribute-internal (BGP)	**Command Syntax**
		`bgp redistribute internal`
		`no bgp redistribute internal`
		`default bgp redistribute internal`

boot system	boot system	**Command Syntax** `boot system DEVICE file_path` **Parameters** • *DEVICE* Location of the image file. Options include — **file:** file is located in the switch file directory. — **flash:** file is located in flash memory. — **usb1:** file is located on a drive inserted in the USB flash port. Available if a drive is in the port. • *file_path* Path and name of the file.

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)
channel-group	channel-group	**Command Syntax** **channel-group** *number* ***LACP_MODE*** **no channel-group** **default channel-group** **Parameters** • *number* specifies a channel group ID. Values range from 1 through 2000. • *LACP_MODE* specifies the interface LACP mode. Values include: — **mode on** Interface is a static port channel, LACP disabled. Port neither verifies nor negotiates port channel membership. — **mode active** Interface is an active LACP port that transmits and receives LACP negotiation packets. — **mode passive** Interface is a passive LACP port that only responds to LACP negotiation packets.
class-map type control-plane	class-map type control-plane	**Command Syntax** **class-map type control-plane match-any** *class_name* **no class-map type control-plane [match-any]** *class_name* **default class-map type control-plane [match-any]** *class_name* **Parameters** • *class_name* Name of class map.

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)
clear arp-cache	clear arp-cache	**Command Syntax** `clear arp-cache [VRF_INSTANCE][INTERFACE_NAME]` **Parameters** • *VRF_INSTANCE* specifies the VRF instance for which arp data is refreshed. — <no parameter> specifies the context-active VRF. — vrf *vrf_name* specifies name of VRF instance. System default VRF is specified by default. • *INTERFACE_NAME* interface upon which ARP cache entries are refreshed. Options include: — <no parameter> All ARP cache entries. — interface ethernet *e_num* ARP cache entries of specified Ethernet interface. — interface loopback *l_num* ARP cache entries of specified loopback interface. — interface management *m_num* ARP cache entries of specified management interface. — interface port-channel *p_num* ARP cache entries of specified port-channel Interface. — interface vlan *v_num* ARP cache entries of specified VLAN interface. — interface vxlan *vx_num* VXLAN interface specified by *vx_num*.

<table>
<tr><th>Asserted Cisco Command Abstraction</th><th>Accused Arista Command Abstraction</th><th>Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)</th></tr>
<tr><td>clear counters</td><td>clear counters</td><td>Command Syntax
<code>clear counters [INTERFACE] [SCOPE]</code>

Parameters
• INTERFACE Interface type and number. Options include:
— <no parameter> Display information for all interfaces.
— ethernet e_range Ethernet interface range specified by e_range.
— loopback l_range Loopback interface specified by l_range.
— management m_range Management interface range specified by m_range.
— port-channel p_range Port-Channel Interface range specified by p_range.
— vlan v_range VLAN interface range specified by v_range.
— vxlan vx_range VXLAN interface range specified by vx_range.
Valid e_range, l_range, m_range, p_range, v_range, and vx_range formats include number, number range, or comma-delimited list of numbers and ranges.
• SCOPE Duration of the reset results. Options include:
— <no parameter> counters are cleared on the switch.
— session counters are reset only for the current session.</td></tr>
<tr><td>clear ip arp</td><td>clear ip arp</td><td>Command Syntax
<code>clear ip arp [VRF_INSTANCE] ipv4_addr</code>

Parameters
• VRF_INSTANCE specifies the VRF instance for which arp data is removed.
— <no parameter> specifies the context-active VRF.
— vrf vrf_name specifies name of VRF instance. System default VRF is specified by default.
• ipv4_addr IPv4 address of dynamic ARP entry.</td></tr>
</table>

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)
clear ip bgp	clear ip bgp	**Command Syntax** `clear ip bgp [ACTION] [RESET_TYPE] [DATA_FLOW] [VRF_INSTANCE]` **Parameters** • *ACTION* the entity upon which the clearing action is taken. Options include: — <no parameter> clears the routing table, then reads in routes from designated peers. — ***** clears all BGP IPv4 sessions with the switch's peers. — *ipv4_addr* resets the IPv4 session with the peer at the specified IPv4 address. — *ipv6_addr* resets the IPv4 session with the peer at the specified IPv6 address. • *RESET_TYPE* reconfiguration type. Options include: — <no parameter> hard reset. — **soft** soft reset. • *DATA_FLOW* restricts hard reset to inbound or outbound routes. Soft reset is bidirectional. — <no parameter> inbound and outbound routes are reset. — **in** inbound routes are reset. — **out** outbound routes are reset. • *VRF_INSTANCE* specifies VRF instances. — <no parameter> clears routing table for context-active VRF. — **vrf** *vrf_name* clears routing table for the specified VRF. — **vrf all** clears routing table for all VRFs. — **vrf default** clears routing table for default VRF.

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)
clear ip igmp group	clear ip igmp group	**Command Syntax** `clear ip igmp group [gp_addr] [interface INT_ID]` **Parameters** • *gp_addr* multicast group IP address (dotted decimal notation). • *INT_ID* interface name. Options include: — **ethernet** *e_num* Ethernet interface specified by *e_num*. — **loopback** *l_num* Loopback interface specified by *l_num*. — **management** *m_num* Management interface specified by *m_num*. — **port-channel** *p_num* Port-channel interface specified by *p_num*. — **vlan** *v_num* VLAN interface specified by *v_num*. — **vxlan** *vx_num* VXLAN interface specified by *vx_num*.
clear ip mroute	clear ip mroute	**Command Syntax** `clear ip mroute ENTRY_LIST` **Parameters** • *ENTRY_LIST* entries that the command removes from the mroute table. Options include: — * all route entries are removed from the table — *gp_ipv4* all entries for multicast group *gp_ipv4* (dotted decimal notation). — *gp_ipv4* *src_ipv4* all entries for source (*src_ipv4*) sending to group (*gp_ipv4*).

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)
clear ip msdp sa-cache	clear ip msdp sa-cache	**Command Syntax** `clear ip msdp sa-cache [ADDRESS_FILTER]` **Parameters** • *ADDRESS_FILTER* IPv4 address used to select table entries for removal. — <no parameter> All SA messages — *grp_addr* Multicast group address (IPv4 address). *grp_addr* must be a valid multicast address.

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)
clear ip nat translation	clear ip nat translation	**Command Syntax** `clear ip nat translation [HOST_ADDR [DEST_ADDR]] [INTF] [PROT_TYPE]` **Parameters** *DEST_ADDR* immediately follows *HOST_ADDR*. All other parameters, including *HOST_ADDR*, may be placed in any order. • *HOST_ADDR* Host address to be modified. Options include: — <no parameter> All packets with specified destination address are cleared. — **address** *local_ipv4* IPv4 address. — **address** *local_ipv4* *local_port* IPv4 address and port (port value ranges from 1 to 65535). • *DEST_ADDR* Destination address of translated packet. Destination address can be entered only when the *HOST_ADDR* is specified. Options include: — <no parameter> All packets with specified destination address are cleared. — *global_ipv4* IPv4 address. — *global_ipv4* *global_port* IPv4 address and port (port value ranges from 1 to 65535). • *INTF* Route source. Options include: — <no parameter> All packets with specified destination address are cleared. — **interface ethernet** *e_num* Ethernet interface specified by *e_num*. — **interface loopback** *l_num* Loopback interface specified by *l_num*. — **interface management** *m_num* Management interface specified by *m_num*. — **interface port-channel** *p_num* Port-channel interface specified by *p_num*. — **interface vlan** *v_num* VLAN interface specified by *v_num*. • *PROT_TYPE* Filters packets based on protocol type. Options include: — <no parameter> All packets with specified destination address are cleared. — **tcp** TCP packets with specified destination address are cleared. — **udp** UDP packets with specified destination address are cleared.

<table>
<tr><th>Asserted Cisco Command Abstraction</th><th>Accused Arista Command Abstraction</th><th>Actual Documented Arista EOS Command Syntax
(Arista EOS version 4.15.3F) (CSI-CLI-06302874)</th></tr>
<tr><td>clear ip ospf neighbor</td><td>clear ip ospf neighbor</td><td>Command Syntax
<code>clear ip ospf [PROCESS_ID] neighbor[LOCATION] [VRF_INSTANCE]</code>

Parameters
• PROCESS_ID OSPFv2 process ID. Values include:
— <no parameter>
— <1 to 65535>
• LOCATION IP address or interface peer group name. Values include:
— * clears all OSPF IPv4 neighbors.
— ipv4_addr
— ethernet e_num
— loopback l_num
— port-channel p_num
— vlan v_num
• VRF_INSTANCE specifies the VRF instance.
— <no parameter>
— vrf vrf_name</td></tr>
</table>

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)
clear ipv6 neighbors	clear ipv6 neighbors	**Command Syntax** `clear ipv6 neighbors [PORT] [DYNAMIC_IPV6]` **Parameters** • *PORT* Interface through which neighbor is accessed. Options include: — <no parameter> all dynamic entries are removed. — **ethernet** *e_num* Ethernet interface specified by *e_num*. — **loopback** *l_num* Loopback interface specified by *l_num*. — **management** *m_num* Management interface specified by *m_num*. — **port-channel** *p_num* Port-channel interface specified by *p_num*. — **vlan** *v_num* VLAN interface specified by *v_num*. — **vxlan** *vx_num* VXLAN interface specified by *vx_num*. • *DYNAMIC_IPV6* Address of entry removed by the command. Options include: — <no parameter> all dynamic entries for specified interface are removed. — *ipv6_addr* IPv6 address of entry.
clear ipv6 ospf force-spf	clear ipv6 ospf force-spf	**Command Syntax** `clear ipv6 ospf force-spf`

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)
clear lldp counters	clear lldp counters	**Command Syntax** `clear lldp counters [SCOPE]` **Parameters** • *SCOPE* Session affected by command. Options include: — <no parameter> command affects counters on all CLI sessions. — **session** clears LLDP counters for the current CLI session only.
clear lldp table	clear lldp table	**Command Syntax** `clear lldp table`
clear mac-address-table dynamic	clear mac address-table dynamic	**Command Syntax** `clear mac address-table dynamic [VLANS] [INTERFACE]` **Parameters** • *VLANS* Table entries are cleared for specified VLANs. Options include: — <no parameter> all VLANs. — **vlan** *v_num* VLAN specified by *v_num*. • *INTERFACE* Table entries are cleared for specified interfaces. Options include: — <no parameter> all Ethernet and port channel interfaces. — **interface ethernet** *e_range* Ethernet interfaces specified by *e_range*. — **interface port-channel** *p_range* port channel interfaces specified by *p_range*. — **vxlan** *vx_range* VXLAN interfaces specified by *vx_range*. Valid *range* formats include number, range, or comma-delimited list of numbers and ranges.

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)
clear spanning-tree counters	clear spanning-tree counters	**Command Syntax** `clear spanning-tree counters [INT_NAME]` **Parameters** • *INT_NAME* Interface type and number. Options include: — <no parameter> resets counters for all interfaces. — **interface ethernet** *e_num* Ethernet interface specified by *e_num*. — **interface loopback** *l_num* Loopback interface specified by *l_num*. — **interface management** *m_num* Management interface specified by *m_num*. — **interface port-channel** *p_num* Port-Channel Interface specified by *p_num*. — **interface vlan** *v_num* VLAN interface specified by *v_num*.
clock set	clock set	**Command Syntax** `clock set hh:mm:ss date` **Parameters** • *hh:mm:ss* is the current time (24-hour notation). • *date* is the current date. Date formats include: — mm/dd/yy *example:* 05/15/2012 — Month day year *example:* May 15 2012 — day month year *example:* 15 May 2012

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)

clock timezone	clock timezone	**Command Syntax**
		`clock timezone` *`zone_name`*
		`no clock timezone`
		`default clock timezone`
		Parameters
		• *zone_name* the time zone. Settings include a list of predefined time zone labels.

control-plane	control-plane	**Command Syntax** `control-plane`

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)

default-information originate (OSPF)	default-information originate (OSPFv2)	**Command Syntax**
		`default-information originate [FORCE] [VALUE] [TYPE] [MAP]`
		`no default-information originate`
		`default default-information originate`
		All parameters can be placed in any order.
		Parameters
		• *FORCE* advertisement forcing option. Values include:
		— <no parameter>
		— **always**
		• *VALUE* Values include:
		— <no parameter>
		— **metric <*1-65535*>**
		• *TYPE* Values include:
		— <no parameter>
		— **metric-type <*1-2*>**
		• *MAP* sets attributes in the LSA based on a route map. Values include:
		— <no parameter>
		— **route-map** *map_name*.

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)

default-information originate (OSPFv3)	default-information originate (OSPFv3)	**Command Syntax**
		`default-information originate [DURATION] [VALUE] [TYPE] [MAP]`
		`no default-information originate`
		`default default-information originate`
		All parameters can be placed in any order.
		Parameters
		• *DURATION* Values include:
		— <no parameter>
		— **always**
		• *VALUE* Values include:
		— <no parameter>
		— **metric <*1-65535*>**
		• *TYPE* Values include:
		— <no parameter>
		— **metric-type <*1-2*>**
		• *MAP* Values include:
		— <no parameter>
		— **route-map** *map_name*

!!!!!!!!!!!!!	!!!!!!!!!!!!!	

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)
default-metric (OSPFv3)	default-metric (OSPFv3)	**Command Syntax** **`default-metric`** *`def_metric`* **`no default-metric`** **`default default-metric`** **Parameters** • *def_metric* Values range from 1 to 65535. Default value is 10.
distance bgp	distance bgp	**Command Syntax** **`distance bgp`** *`external_dist`* [***`INTERNAL_LOCAL`***] **`no distance bgp`** **`default distance bgp`** **Parameters** • *external_dist* distance assigned to external routes. Values range from 1 to 255. • *INTERNAL_LOCAL* distance assigned to internal and local routes. Values for both routes range from 1 to 255. Options include: — <no parameter> *external_dist* value is assigned to internal and local routes. — *internal_dist local_dist* values assigned to internal (*internal_dist)* and local (*local_dist*) routes.
domain-id	domain-id	**Command Syntax** **`domain-id`** *`identifier`* **`no domain-id`** **`default domain-id`** **Parameters** • *identifier* alphanumeric string that names the MLAG domain.

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)

dot1x max-reauth-req	dot1x max-reauth-req	**Command Syntax**
		`dot1x max-reauth-req` *`attempts`*
		`no dot1x max-reauth-req`
		`default dot1x max-reauth-req`
		Parameters
		• *attempts* maximum number of attempts. Values range from 1 to 10; default value is 2.

dot1x pae authenticator	dot1x pae authenticator	**Command Syntax**
		`dot1x pae authenticator`
		`no dot1x pae authenticator`
		`default dot1x pae authenticator`

dot1x port-control	dot1x port-control	**Command Syntax**
		`dot1x port-control` ***`STATE`***
		`no dot1x port-control`
		`default dot1x port-control`
		Parameters
		• *STATE* specifies whether the interface will authenticate traffic. The default value is *force-authorized*. Options include:
		— **auto** configures the port to authenticate traffic using Extensible Authentication Protocol messages.
		— **force-authorized** configures the port to pass traffic without authentication.
		— **force-unauthorized** configures the port to block all traffic regardless of authentication.

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)

dot1x reauthentication	dot1x reauthentication	**Command Syntax**
		`dot1x reauthentication`
		`no dot1x reauthentication`
		`default dot1x reauthentication`

dot1x system-auth-control	dot1x system-auth-control	**Command Syntax**
		`dot1x system-auth-control`
		`no dot1x system-auth-control`
		`default dot1x system-auth-control`

dot1x timeout quiet-period	dot1x timeout quiet-period	**Command Syntax**
		`dot1x timeout quiet-period` *quiet_time*
		`no dot1x timeout quiet-period`
		`default dot1x timeout quiet-period`
		Parameters
		• *quiet_time* interval in seconds. Values range from 1 to 65535. Default value is 60.

dot1x timeout reauth-period	dot1x timeout reauth-period	**Command Syntax**
		`dot1x timeout reauth-period` *reauth_time*
		`no dot1x timeout reauth-period`
		`default dot1x timeout reauth-period`
		Parameters
		• *reauth_time* the number of seconds the interface passes traffic before requiring re-authentication. Values range from 1 to 65535. Default value is 3600.

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)

dot1x timeout tx-period	dot1x timeout tx-period	**Command Syntax**
		`dot1x timeout tx-period tx_time`
		`no dot1x timeout tx-period`
		`default dot1x timeout tx-period`
		Parameters
		• *tx_time* Values range from 1 to 65535. Default value is 5.

enable secret	enable secret	**Command Syntax**
		`enable secret [ENCRYPT_TYPE] password`
		`no enable secret`
		`default enable secret`
		Parameters
		• *ENCRYPT_TYPE* encryption level of the *password* parameter. Settings include:
		— <no parameter> the password is entered as clear text.
		— **0** the password is entered as clear text. Equivalent to <no parameter>.
		— **5** the password is entered as an md5 encrypted string.
		— **sha512** the password is entered as an sha512 encrypted string.
		• *password* text that authenticates the username.
		— *password* must be in clear text if *ENCRYPT_TYPE* specifies clear text.
		— *password* must be an appropriately encrypted string if *ENCRYPT_TYPE* specifies encryption.
		Encrypted strings entered through this parameter are generated elsewhere.

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)
erase startup-config	erase startup-config	**Command Syntax** `erase startup-config [CONFIRMATION]` **Parameters** • *CONFIRMATION* — <no parameter> the switch requires a confirmation before starting the erase. — **now** the erase begins immediately without prompting the user to confirm the request.

errdisable detect cause link-flap	errdisable detect cause link-flap	**Command Syntax**
		`errdisable detect cause link-flap`
		`no errdisable detect cause link-flap`
		`default errdisable detect cause link-flap`

errdisable recovery cause	errdisable recovery cause	**Command Syntax**
		`errdisable recovery cause CONDITION`
		`no errdisable recovery cause CONDITION`
		`default errdisable recovery cause CONDITION`
		Parameters
		• *CONDITION* Disabling condition for which command automates recovery. Options include:
		— **bpduguard**
		— **link-flap**
		— **no-internal-vlan**
		— **portchannelguard**
		— **portsec**
		— **tapagg**
		— **uplink-failure-detection**
		— **xcvr_unsupported**

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)

errdisable recovery interval	errdisable recovery interval	**Command Syntax**
		`errdisable recovery interval` *`period`*
		`no errdisable recovery interval`
		`default errdisable recovery interval`
		Parameters
		• *period* Error disable recovery period (seconds). Value ranges from 30 to 86400. Default value is 300

flowcontrol receive	flowcontrol receive	**Command Syntax**
		`flowcontrol receive` *`STATE`*
		`no flowcontrol receive`
		`default flowcontrol receive`
		Parameters
		• *STATE* flow control pause frame processing setting. Options include:
		— **on**
		— **off**

flowcontrol send	flowcontrol send	**Command Syntax**
		`flowcontrol send` *`STATE`*
		`no flowcontrol send`
		`default flowcontrol send`
		Parameters
		• *STATE* flow control send setting. Options include
		— **on**
		— **off**

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)
interface ethernet	interface ethernet	**Command Syntax** `interface ethernet` *e_range* **Parameters** • *e_range* Ethernet interfaces (number, range, or comma-delimited list of numbers and ranges). Valid Ethernet numbers depend on the switch's available Ethernet interfaces.
interface loopback	interface loopback	**Command Syntax** `interface loopback` *l_range* `no interface loopback` *l_range* `default interface loopback` *l_range* **Parameters** • *l_range* Loopback interfaces (number, range, or comma-delimited list of numbers and ranges). Looback number ranges from 0 to 1000.
interface port-channel	interface port-channel	**Command Syntax** `interface port-channel` *p_range* `no interface port-channel` *p_range* `default interface port-channel` *p_range* **Parameter** • *p_range* port channel interfaces (number, range, or comma-delimited list of numbers and ranges). Port channel numbers range from 1 to 2000.

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)
interface vlan	interface vlan	**Command Syntax** `interface vlan` *v_range* `no interface vlan` *v_range* `default interface vlan` *v_range* **Parameter** • *v_range* VLAN interfaces (number, range, or comma-delimited list of numbers and ranges). VLAN number ranges from 1 to 4094.
ip access-group	ip access-group	**Command Syntax** `ip access-group` *list_name* [***VRF_INSTANCE***] ***DIRECTION*** `no ip access-group` [*list_name*] [***VRF_INSTANCE***] ***DIRECTION*** `default ip access-group` [*list_name*] [***VRF_INSTANCE***] ***DIRECTION*** **Parameters** • *list_name* name of ACL assigned to interface. • *VRF_INSTANCE* specifies the VRF instance being modified. — <no parameter> changes are made to the default VRF. — **vrf** *vrf_name* changes are made to the specified user-defined VRF. • *DIRECTION* transmission direction of packets, relative to interface. Valid options include: — **in** inbound packets.

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)
ip access-list	ip access-list	**Command Syntax** **ip access-list** *list_name* **no ip access-list** *list_name* **default ip access-list** *list_name* **Parameters** • *list_name* Name of ACL. Must begin with an alphabetic character. Cannot contain spaces or quotation marks.
ip access-list standard	ip access-list standard	**Command Syntax** **ip access-list standard** *list_name* **no ip access-list standard** *list_name* **default ip access-list standard** *list_name* **Parameters** • *list_name* Name of standard ACL. Must begin with an alphabetic character. Cannot contain spaces or quotation marks.
ip address	ip address	**Command Syntax** **ip address** *ipv4_subnet* [***PRIORITY***] **no ip address** [*ipv4_subnet*] [***PRIORITY***] **default ip address** [*ipv4_subnet*] [***PRIORITY***] **Parameters** • *ipv4_subnet* IPv4 and subnet address (CIDR or address-mask notation). ***Running-config*** stores value in CIDR notation. • *PRIORITY* interface priority. Options include: — <no parameter> the address is the primary IPv4 address for the interface. — **secondary** the address is the secondary IPv4 address for the interface.

<table>
<tr><th>Asserted Cisco Command Abstraction</th><th>Accused Arista Command Abstraction</th><th>Actual Documented Arista EOS Command Syntax
(Arista EOS version 4.15.3F) (CSI-CLI-06302874)</th></tr>
<tr><td>ip as-path access-list</td><td>ip as-path access-list</td><td>Command Syntax
<code>ip as-path access-list list_name FILTER_TYPE regex ORIGIN</code>
<code>no ip as-path access-list list_name</code>
<code>default ip as-path access-list list_name</code>

Parameters
• list_name the name of the AS path access list.
• FILTER_TYPE access resolution of the specified AS path. Options include:
— permit access is permitted.
— deny access is denied.
• regex a regular expression describing the AS path being filtered. Regular expressions are pattern matching strings that are composed of text characters and operators (Section 3.2.6).
• ORIGIN the origin of the path information. Values include:
— <no parameter> sets the origin to any.
— any any BGP origin.
— egp EGP origin.
— igp IGP origin.
— incomplete incomplete origin.</td></tr>
</table>

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)
ip community-list expanded	ip community-list expanded	**Command Syntax** `ip community-list expanded` *listname* ***FILTER_TYPE*** **R_EXP** `no ip community-list expanded` *listname* `default community-list expanded` *listname* **Parameters** • *listname* name of the community list. Valid input is text. • *FILTER_TYPE* access resolution of the specified community. Options include: — **permit** access is permitted. — **deny** access is denied. • *R_EXP* list of communities, formatted as a regular expression. Regular expressions are pattern matching strings that are composed of text characters and operators (Section 3.2.6)

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)
ip community-list standard	ip community-list standard	**Command Syntax** **ip community-list standard** *listname* ***FILTER_TYPE COMM_1*** [***COMM_2...COMM_n***] **no ip community-list standard** *listname* **default ip community-list standard** *listname* **Parameters** • *listname* name of the community list. Valid input is text. • *FILTER_TYPE* access resolution of the specified community. Options include: — **permit** access is permitted. — **deny** access is denied. • *COMM_x* community number or name, as specified in the route map that sets the community list number. — *aa:nn* AS and network number, separated by colon. Each value ranges from 1 to 4294967295. — *number* community number. Values range from 1 to 4294967040. — **internet** advertises route to Internet community. — **local-as** advertises route only to local peers. — **no-advertise** does not advertise route to any peer. — **no-export** advertises route only within BGP AS boundary.
ip dhcp smart-relay	ip dhcp smart-relay	**Command Syntax** **ip dhcp smart-relay** **no ip dhcp smart-relay** **default ip dhcp smart-relay**
ip dhcp smart-relay global	ip dhcp smart-relay global	**Command Syntax** **ip dhcp smart-relay global** **no ip dhcp smart-relay global** **default ip dhcp smart-relay global**

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)

ip dhcp snooping	ip dhcp snooping	**Command Syntax**
		`ip dhcp snooping`
		`no ip dhcp snooping`
		`default ip dhcp snooping`

ip dhcp snooping information option	ip dhcp snooping information option	**Command Syntax**
		`ip dhcp snooping information option`
		`no ip dhcp snooping information option`
		`default ip dhcp snooping information option`

ip dhcp snooping vlan	ip dhcp snooping vlan	**Command Syntax** `ip dhcp snooping vlan` *v_range* `no ip dhcp snooping vlan` *v_range* `default ip dhcp snooping vlan` *v_range*

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)

ip domain lookup	ip domain lookup	**Command Syntax**
		`ip domain lookup [VRF_INSTANCE] source-interface INTF_NAME`
		`no ip domain lookup [VRF_INSTANCE] source-interface`
		`default ip domain lookup [VRF_INSTANCE] source-interface`
		
		Parameters
		• *VRF_INSTANCE* specifies the VRF instance being modified.
		— <no parameter> changes are made to the default VRF.
		— **vrf** *vrf_name* changes are made to the specified VRF.
		• *INTF_NAME* name of source interface to be used for DNS requests. Options include:
		— **ethernet** *e_num* Ethernet interface specified by *e_num*.
		— **loopback** *l_num* Loopback interface specified by *l_num*.
		— **management** *m_num* Management interface specified by *m_num*.
		— **port-channel** *p_num* Port-channel interface specified by *p_num*.
		— **vlan** *v_num* VLAN interface specified by *v_num*.

ip domain name	ip domain-name	**Command Syntax**
		`ip domain-name string`
		`no ip domain-name`
		`default ip domain-name`
		
		Parameters
		• *string* domain name (text string)

<table>
<tr><th>Asserted Cisco Command Abstraction</th><th>Accused Arista Command Abstraction</th><th>Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)</th></tr>
<tr><td>ip extcommunity-list expanded</td><td>ip extcommunity-list expanded</td><td>Command Syntax
<code>ip extcommunity-list expanded listname FILTER_TYPE R_EXP</code>
<code>no ip extcommunity-list expanded listname</code>
<code>default ip extcommunity-list expanded listname</code>

Parameters
• listname name of the extended community list. Valid input is text.
• FILTER_TYPE access resolution of the specified extended community list. Options include:
— permit access is permitted.
— deny access is denied.
• R_EXP list of communities, formatted as a regular expression. Regular expressions are pattern matching strings that are composed of text characters and operators.
— Expressions beginning RT: match the route target extended community attribute option.
— Expressions beginning SoO: match the site of origin extended community attribute option.
RT: and SoO: are case sensitive.
Section 3.2.6 describes regular expressions.</td></tr>
</table>

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)

ip extcommunity-list standard	ip extcommunity-list standard	**Command Syntax**
		`ip extcommunity-list standard listname FILTER_TYPE COMM_1 [COMM_2...COMM_n]`
		`no ip extcommunity-list standard listname`
		`default ip extcommunity-list standard listname`
		Parameters
		• *listname* name of the extended community list. Valid input is text.
		• *FILTER_TYPE* access resolution of the specified extended community list. Options include:
		— **permit** access is permitted.
		— **deny** access is denied.
		• *COMM_x* extended community attribute. Options include:
		— **rt** *aa:nn* route target, as specified by autonomous system:network number
		— **rt** *ip_addr:nn* route target, as specified by ip address:network number
		— **soo** *aa:nn* site of origin, as specified by autonomous system:network number
		— **soo** *ip_addr:nn* site of origin, as specified by ip address:network number

ip helper-address	ip helper-address	**Command Syntax**
		`ip helper-address ipv4_addr`
		`no ip helper-address [ipv4_addr]`
		`default ip helper-address [ipv4_addr]`
		Parameters
		• *ipv4_addr* DHCP server address accessed by interface.

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)

ip host	ip host	**Command Syntax**
		`ip host hostname hostadd_1 [hostadd_2] ... [hostadd_X]`
		`no ip host [hostname] [hostadd_1] [hostadd_2] [hostadd_X]`
		`default ip host [hostname] [hostadd_1] [hostadd_2] [hostadd_X]`
		Parameters
		• *hostname* hostname (text).
		• *hostadd_N* IPv4 address associated with hostname (dotted decimal notation).

ip http client source-interface	ip http client source-interface	**Command Syntax**
		`ip http client source-interface INTERFACE`
		`no ip http client source-interface`
		`default ip http client source-interface`
		Parameters
		• *INTERFACE* Interface providing the IP address. Options include:
		— **ethernet** *e_num* Ethernet interface specified by *e_num*.
		— **loopback** *l_num* Loopback interface specified by *l_num*.
		— **management** *m_num* Management interface specified by *m_num*.
		— **port-channel** *p_num* Port-channel interface specified by *p_num*.
		— **vlan** *v_num* VLAN interface specified by *v_num*.

ip icmp redirect	ip icmp redirect	**Command Syntax**
		`ip icmp redirect`
		`no ip icmp redirect`
		`default ip icmp redirect`

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)

ip igmp last-member-query-count	ip igmp last-member-query-count	**Command Syntax**
		`ip igmp last-member-query-count` *number*
		`no ip igmp last-member-query-count`
		`default ip igmp last-member-query-count`
		Parameters
		• *number* query message quantity. Values range from 1 to 3. Default is 2.

ip igmp last-member-query-interval	ip igmp last-member-query-interval	**Command Syntax**
		`ip igmp last-member-query-interval` *period*
		`no ip igmp last-member-query-interval`
		`default ip igmp last-member-query-interval`
		Parameters
		• *period* transmission interval (deciseconds) between consecutive group-specific query messages.
		Value range: 10 (one second) to 317440 (8 hours, 49 minutes, 4 seconds). Default is 10 (one second).

ip igmp query-interval	ip igmp query-interval	**Command Syntax**
		`ip igmp query-interval` *period*
		`no ip igmp query-interval`
		`default ip igmp query-interval`
		Parameters
		• *period* interval (seconds) between IGMP query messages. Values range from 1 to 3175 (52 minutes, 55 seconds). Default is 125.

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)

ip igmp query-max-response-time	ip igmp query-max-response-time	**Command Syntax**
		`ip igmp query-max-response-time` *period*
		`no ip igmp query-max-response-time`
		`default ip igmp query-max-response-time`
		Parameters
		• *period* maximum response time (deciseconds). Values range from 1 to 31744 (52 minutes, 54 seconds). Default is 100 (ten seconds).

ip igmp snooping	ip igmp snooping	**Command Syntax**
		`ip igmp snooping`
		`no ip igmp snooping`
		`default ip igmp snooping`

ip igmp snooping querier	ip igmp snooping querier	**Command Syntax**
		`ip igmp snooping querier`
		`no ip igmp snooping querier`
		`default ip igmp snooping querier`

ip igmp snooping vlan	ip igmp snooping vlan	**Command Syntax** `ip igmp snooping vlan` *v_range* `no ip igmp snooping vlan` *v_range* `default ip igmp snooping vlan` *v_range* **Parameters** • *v_range* VLANs upon which snooping is enabled. Formats include a number, a number range, or a comma-delimited list of numbers and ranges. Numbers range from 1 to 4094.

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)

ip igmp snooping vlan immediate-leave	ip igmp snooping vlan immediate-leave	**Command Syntax**
		`ip igmp snooping vlan` *`v_range`* `immediate-leave`
		`no ip igmp snooping vlan` *`v_range`* `immediate-leave`
		`default ip igmp snooping vlan` *`v_range`* `immediate-leave`
		Parameters
		• *v_range* VLAN IDs. Formats include a number, number range, or comma-delimited list of numbers and ranges. Numbers range from 1 to 4094.

ip igmp snooping vlan mrouter	ip igmp snooping vlan mrouter	**Command Syntax** `ip igmp snooping vlan` *`v_range`* `mrouter interface` ***`STATIC_INT`*** `no ip igmp snooping vlan` *`v_range`* `mrouter interface` ***`STATIC_INT`*** `default ip igmp snooping vlan` *`v_range`* `mrouter interface` ***`STATIC_INT`*** **Parameters** • *v_range* VLAN IDs. Formats include a number, number range, or comma-delimited list of numbers and ranges. Numbers range from 1 to 4094. • *STATIC_INT* interface the command configures as a static port. Selection options include: — **ethernet** *e_range* where *e_range* is the number, range, or list of ethernet ports — **port-channel** *p_range* where *p_range* is the number, range, or list of channel ports The *STATIC_INT* interface must route traffic through a VLAN specified within *v_range*.

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)

ip igmp snooping vlan static	ip igmp snooping vlan static	**Command Syntax**
		`ip igmp snooping vlan v_num static ipv4_addr interface STATIC_INT`
		`no ip igmp snooping vlan v_num static ipv4_addr interface STATIC_INT`
		`default ip igmp snooping vlan v_num static ipv4_addr interface STATIC_INT`
		Parameters
		• *v_num* VLAN number. Value ranges from 1 to 4094.
		• *ipv4_addr* multicast group IPv4 address.
		• *STATIC_INT* interface the command configures as the static group member. Options include:
		— **ethernet** *e_range*, where *e_range* is the number, range, or list of Ethernet ports
		— **port-channel** *p_range*, where *p_range* is the number, range, or list of channel ports

ip igmp startup-query-interval	ip igmp startup-query-interval	**Command Syntax**
		`ip igmp startup-query-interval period`
		`no ip igmp startup-query-interval`
		`default ip igmp startup-query-interval`
		Parameters
		• *period* startup query interval, in deciseconds. Value ranges from 10 (one second) to 317440 (8 hours, 49 minutes, 4 seconds). Default is 31 seconds.

ip igmp startup-query-count	ip igmp startup-query-count	**Command Syntax**
		`ip igmp startup-query-count number`
		`no ip igmp startup-query-count`
		`default ip igmp startup-query-count`
		Parameters
		• *number* quantity of queries. Values range from 1 to 65535. Default is 2.

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)

ip igmp static-group	ip igmp static-group	**Command Syntax**
		`ip igmp static-group group_address [SOURCE_ADDRESS]`
		`no ip igmp static-group group_address [SOURCE_ADDRESS]`
		`default ip igmp static-group group_address [SOURCE_ADDRESS]`
		Parameters
		• *group_address* IPv4 address of multicast group for which the interface fast-switches packets.
		• *SOURCE_ADDRESS* IP address of host that originates multicast data packets.
		— <no parameter> all multicast messages of the specified group are fast-switched.
		— *ipv4_address* source IP address (dotted decimal notation).

ip igmp version	ip igmp version	**Command Syntax**
		`ip igmp version version_number`
		`no ip igmp version`
		`default ip igmp version`
		Parameters
		• *version_number* IGMP version number. Value ranges from 1 to 3.

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)

ip load-sharing	ip load-sharing	**Command Syntax**
		`ip load-sharing HARDWARE seed`
		`no ip load-sharing HARDWARE`
		`default ip load-sharing HARDWARE`
		Parameters
		• *HARDWARE* The ASIC switching device. The available option depend on the switch platform. Verify available options with the CLI ? command.
		— **arad**
		— **fm6000**
		— **petraA**
		— **trident**
		• *seed* The hash seed. Value range varies by switch platform. The default value on all platforms is 0.:
		— when *HARDWARE*=**arad** *seed* ranges from 0 to 2.
		— when *HARDWARE*=**fm6000** *seed* ranges from 0 to 39.
		— when *HARDWARE*=**petraA** *seed* ranges from 0 to 2.
		— when *HARDWARE*=**trident** *seed* ranges from 0 to 5.

ip local-proxy-arp	ip local-proxy-arp	**Command Syntax**
		`ip local-proxy-arp`
		`no ip local-proxy-arp`
		`default ip local-proxy-arp`

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)
ip msdp cache-sa-state	ip msdp cache-sa-state	**Command Syntax** `ip msdp cache-sa-state`

ip msdp default-peer	ip msdp default-peer	**Command Syntax**
		`ip msdp default-peer peer_id [PREFIX]`
		`no ip msdp default-peer peer_id`
		`default ip msdp default-peer peer_id`
		Parameters
		• *peer_id* MSDP peer (IPv4 address).
		• *PREFIX* List of RPs from the SA messages originate for whiich the default peer is valid.
		— <no parameter> default peer is valid for SAs from all originating RPs.
		— **prefix-list** *list_name* name of the prefix list that defines affected originating RP prefixes.

ip msdp description	ip msdp description	**Command Syntax**
		`ip msdp peer_id description description_string`
		`no ip msdp peer_id description`
		`default ip msdp peer_id description`
		Parameters
		• *peer_id* MSDP peer (IPv4 address).
		• *description_string* text string that is associated with neighbor.

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)
ip msdp group-limit	ip msdp group-limit	**Command Syntax** **ip msdp group-limit** *quantity* **source** *src_subnet* **no ip msdp group-limit** *quantity* **source** *src_subnet* **default ip msdp group-limit** *quantity* **source** *src_subnet* **Parameters** • *quantity* maximum number of groups that can access the interface. Value ranges from 1 to 40000. • *src_subnet* Source IPv4 subnet (CIDR or address-mask notation).
ip msdp keepalive	ip msdp keepalive	**Command Syntax** **ip msdp keepalive** *peer_id keep_alive hold_time* **no ip msdp keepalive** *peer_id* **default ip msdp keepalive** *peer_id* **Parameters** • *peer_id* MSDP peer address (IPv4 address). • *keep_alive* keepalive period (seconds). Value ranges from 1 to 65535. Default value is 60. • *hold_time* hold time (seconds). Value ranges from 1 to 65535. Deafult value is 75.
ip msdp mesh-group	ip msdp mesh-group	**Command Syntax** **ip msdp mesh-group** *group_name peer_id* **no ip msdp mesh-group** *group_name* [*peer_id*] **default ip msdp mesh-group** *group_name* [*peer_id*] **Parameters** • *group_name* name of mesh group. • *peer_id* MSDP peer address (IPv4 address).

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)

ip msdp originator-id	ip msdp originator-id	**Command Syntax**
		`ip msdp originator-id INTERFACE`
		`no ip msdp originator-id INTERFACE`
		`default ip msdp originator-id INTERFACE`
		Parameters
		• *INTERFACE* Specifies the interface from which the IP address is derived. Options include:
		— **ethernet** *e_num* Ethernet interface.
		— **loopback** *l_num* Loopback interface.
		— **management** *m_num* Management interface.
		— **port-channel** *p_num* Port-Channel Interface.
		— **vlan** *v_num* VLAN interface.
		— **vxlan** *vx_num* VXLAN interface.

ip msdp peer	ip msdp peer	**Command Syntax**
		`ip msdp peer peer_id [CONNECTION]`
		`no ip msdp peer peer_id`
		`default ip msdp peer peer_id`
		Parameters
		• *peer_id* MSDP peer address (IPv4 address).
		• *CONNECTION* interface through which TCP session connects. Options include:
		— <no parameter> determined through previously configured protocol.
		— **connect-source ethernet** *e_num* Ethernet interface.
		— **connect-source loopback** *l_num* Loopback interface.
		— **connect-source management** *m_num* Management interface.
		— **connect-source port-channel** *p_num* Port-Channel Interface.
		— **connect-source vlan** *v_num* VLAN interface.
		— **connect-source vxlan** *vx_num* VXLAN interface.

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)
ip msdp sa-filter in	ip msdp sa-filter in	**Command Syntax** **ip msdp sa-filter in** *peer_id* **list** *list_name* **no ip msdp sa-filter in** *peer_id* **default ip msdp sa-filter in** *peer_id* **Parameters** • *peer_id* MSDP peer address (IPv4 address). • *list_name* name of ACL that filters SA messages.
ip msdp sa-filter out	ip msdp sa-filter out	**Command Syntax** **ip msdp sa-filter out** *peer_id* **list** *list_name* **no ip msdp sa-filter out** *peer_id* **default ip msdp sa-filter out** *peer_id* **Parameters** • *peer_id* MSDP peer address (IPv4 address). • *list_name* name of ACL that filters SA messages.
ip msdp sa-limit	ip msdp sa-limit	**Command Syntax** **ip msdp sa-limit** *peer_id quantity* **no ip msdp sa-limit** *peer_id* **default ip msdp sa-limit** *peer_id* **Parameters** • *peer_id* MSDP peer (IPv4 address). • *quantity* maximum number of SA messages that the switch can store. Value ranges from 0 to 40000.

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)
ip msdp shutdown	ip msdp shutdown	**Command Syntax** **ip msdp** *peer_id* **shutdown** **no ip msdp** *peer_id* **shutdown** **default ip msdp** *peer_id* **shutdown** **Parameters** • *peer_id* MSDP peer (IPv4 address).
ip msdp timer	ip msdp timer	**Command Syntax** **ip msdp timer** *connect_retry* **no ip msdp timer** *connect_retry* **default ip msdp timer** *connect_retry* **Parameters** • *connect_retry* Reconnect period (seconds). Value ranges from 1 to 65535. Default is 30.
ip multicast boundary	ip multicast boundary	**Command Syntax** **ip multicast boundary** ***SUB_NET*** [***TCAM***] **no ip multicast boundary** [***SUB_NET***] **default ip multicast boundary** [***SUB_NET***] **Parameters** • ***SUB_NET*** the subnet address configured as the multicast boundary. Options include: — *net_addr* multicast subnet address (CIDR or address mask). — *acl_name* standard access control list (ACL) that specifies the multicast group addresses. • ***TCAM*** specifies address inclusion in the routing table. Options include: — <no parameter> boundaries ((S,G) entries) are added to routing table. — **out** boundaries are not added to routing table.

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)

ip multicast-routing	ip multicast-routing	**Command Syntax**
		`ip multicast-routing`
		`no ip multicast-routing`
		`default ip multicast-routing`

ip name-server	ip name-server	**Command Syntax**
		`ip name-server [VRF_INSTANCE] SERVER_1 [SERVER_2] [SERVER_3]`
		`no ip name-server [VRF_INSTANCE] [SERVER_1] [SERVER_2] [SERVER_3]`
		`default ip name-server [VRF_INSTANCE] [SERVER_1] [SERVER_2] [SERVER_3]`
		
		Parameters
		• *VRF_INSTANCE* specifies the VRF instance containing the addresses.
		— <no parameter> default VRF.
		— **vrf** *vrf_name* a user-defined VRF.
		• *SERVER_X* IP address of the name server (dotted decimal notation). Options include:
		— *ipv4_addr* (A.B.C.D)
		— *ipv6_addr* (A:B:C:D:E:F:G:H)
		A command can contain both (IPv4 and IPv6) address types.

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)

ip nat pool	ip nat pool	**Command Syntax**
		`ip nat pool pool_name [ADDRESS_SPAN] SUBNET_SIZE`
		`no ip nat pool pool_name`
		`default ip nat pool pool_name`
		Parameters
		• *pool_name* name of the IP address pool.
		• ***ADDRESS_SPAN*** Options include:
		— *start_addr* The first IP address in the address pool (IPv4 addresses in dotted decimal notation).
		— *end_addr* The last IP address in the address pool. (IPv4 addresses in dotted decimal notation).
		• ***SUBNET_SIZE*** this functions as a sanity check to ensure it is not a network or broadcast network. Options include:
		— **netmask** *ipv4_addr* The netmask of the address pool's network (dotted decimal notation).
		— **prefix-length** <*0* to *32*> The number of bits of the netmask (of the address pool's network) that are ones (how many bits of the address indicate network).

ip nat translation tcp-timeout	ip nat translation tcp-timeout	**Command Syntax**
		`ip nat translation tcp-timeout period`
		`no ip nat translation tcp-timeout`
		`default ip nat translation tcp-timeout`
		Parameters
		• *period* Time-out period in seconds for port translations. Value ranges from ***0*** to ***4294967295***. Default value is 86400 (24 hours).

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)
ip nat translation udp-timeout	ip nat translation udp-timeout	**Command Syntax** **ip nat translation udp-timeout** *period* **no ip nat translation udp-timeout** **default ip nat translation udp-timeout** **Parameters** • *period* Value ranges from 0 to 4294967295. Default value is 300 (5 minutes).
ip ospf authentication	ip ospf authentication	**Command Syntax** **ip ospf authentication** [***METHOD***] **no ip ospf authentication** **default ip ospf authentication** **Parameters** • ***METHOD*** OSPFv2 authentication method. Options include: — <no parameter> — **message-digest**

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)

ip ospf authentication-key	ip ospf authentication-key	**Command Syntax**
		`ip ospf authentication-key [ENCRYPT_TYPE] key_text`
		`no ip ospf authentication-key`
		`default ip ospf authentication-key`
		Parameters
		• *ENCRYPT_TYPE* encryption level of the *key_text* parameter. Values include:
		— <no parameter> the *key_text* is in clear text.
		— **0** *key_text* is in clear text. Equivalent to <no parameter>.
		— **7** *key_text* is MD5 encrypted.
		• *key_text* the authentication-key password.

ip ospf bfd	ip ospf bfd	**Command Syntax**
		`ip ospf bfd`
		`no ip ospf bfd`
		`default ip ospf bfd`

ip ospf cost	ip ospf cost	**Command Syntax**
		`ip ospf cost interface_cost`
		`no ip ospf cost`
		`default ip ospf cost`
		Parameters
		• *interface_cost* Value ranges from 1 to 65535; default is 10.

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)

ip ospf dead-interval	ip ospf dead-interval	**Command Syntax**
		`ip ospf dead-interval` *`time`*
		`no ip ospf dead-interval`
		`default ip ospf dead-interval`
		Parameters
		• *time* Value ranges from 1 to 8192; default is 40.

ip ospf hello-interval	ip ospf hello-interval	**Command Syntax**
		`ip ospf hello-interval` *`time`*
		`no ip ospf hello-interval`
		`default ip ospf hello-interval`
		Parameters
		• *time* hello interval (seconds). Values range from 1 to 8192; default is 10.

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)

ip ospf message-digest-key	ip ospf message-digest-key	**Command Syntax**
		`ip ospf message-digest-key key_id md5 ENCRYPT_TYPE key_text`
		`no ip ospf message-digest-key key_id`
		`default ip ospf message-digest-key key_id`
		Parameters
		• *key_id* key ID number. Value ranges from 1 to 255.
		• *ENCRYPT_TYPE* encryption level of the *key_text* parameters. Values include:
		— <no parameter>
		— **0** *key_text*
		— **7** *key_text*
		• *key_text* message key (password).

ip ospf name-lookup	ip ospf name-lookup	**Command Syntax**
		`ip ospf name-lookup`
		`no ip ospf name-lookup`
		`default ip ospf name-lookup`

ip ospf network	ip ospf network	**Command Syntax**
		`ip ospf network point-to-point`
		`no ip ospf network`
		`default ip ospf network`

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)
ip ospf priority	ip ospf priority	**Command Syntax** **`ip ospf priority`** *`priority_level`* **`no ip ospf priority`** **`default ip ospf priority`** **Parameters** • *priority_level* priority level. Value ranges from 0 to 255. Default value is 1.
ip ospf retransmit-interval	ip ospf retransmit-interval	**Command Syntax** **`ip ospf retransmit-interval`** *`period`* **`no ip ospf retransmit-interval`** **`default ip ospf retransmit-interval`** **Parameters** • *period* retransmission interval (seconds). Value ranges from 1 to 8192; default is 5.
ip ospf shutdown	ip ospf shutdown	**Command Syntax** **`ip ospf shutdown`** **`no ip ospf shutdown`** **`default ip ospf shutdown`**

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)
ip ospf transmit-delay	ip ospf transmit-delay	**Command Syntax** **ip ospf transmit-delay** *trans* **no ip ospf transmit-delay** **default ip ospf transmit-delay** **Parameters** • *trans* LSA transmission delay (seconds). Value ranges from 1 to 8192; default is 1.
ip pim anycast-rp	ip pim anycast-rp	**Command Syntax** **ip pim anycast-rp** *rp_addr peer_addr* [***REGISTER***] **no ip pim anycast-rp** *rp_addr* [*peer_addr*] **default ip pim anycast-rp** *rp_addr* [*peer_addr*] **Parameters** • *rp_addr* Rendezvous point IP address (dotted decimal notation). • *peer_addr* IP address of an anycast-RP set member (dotted decimal notation). • ***REGISTER*** Number of unacknowledged register messages the switch sends to the peer router. — <No parameter> register count is set to default value of 10. — **register-count** *r_num* where *r_num* is an integer that ranges from 1 to 4294967295. — **register-count infinity**
ip pim bfd	ip pim bfd	**Command Syntax** **ip pim bfd** **no ip pim bfd** **default ip pim bfd**

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)

ip pim bfd-instance	ip pim bfd-instance	**Command Syntax**
		`ip pim bfd-instance`
		`no ip pim bfd-instance`
		`default ip pim bfd-instance`

ip pim bsr-border	ip pim bsr-border	**Command Syntax**
		`ip pim bsr-border`
		`no ip pim bsr-border`
		`default ip pim bsr-border`

<table>
<tr><th>Asserted Cisco Command Abstraction</th><th>Accused Arista Command Abstraction</th><th>Actual Documented Arista EOS Command Syntax
(Arista EOS version 4.15.3F) (CSI-CLI-06302874)</th></tr>
<tr><td>ip pim bsr-candidate</td><td>ip pim bsr-candidate</td><td>

Command Syntax

```
ip pim bsr-candidate INTERFACE [HASHMASK_LENGTH] [INTERVAL_PERIOD] [PRIORITY_NUM]
no ip pim bsr-candidate [priority] [interval]
default ip pim bsr-candidate [priority] [interval]
```

Parameters

- *INTERFACE* Switch uses IP address of specified interface as its BSR address. Options include:
  - — **ethernet** *e_num* Ethernet interface specified by *e_num*.
  - — **loopback** *l_num* Loopback interface specified by *l_num*.
  - — **management** *m_num* Management interface specified by *m_num*.
  - — **port-channel** *p_num* Port-Channel Interface specified by *p_num*.
  - — **vlan** *v_num* VLAN interface specified by *v_num*.
- *HASHMASK_LENGTH* Length (in bits) of the hash mask.
  - — <no parameter> hash mask remains unchanged from previous setting.
  - — **hashmask** <*0 - 32*> hash mask length (in bits). Default value is 30.
- *INTERVAL_PERIOD* Period between the transmission of BSMs (seconds). Default value is 60.
  - — <no parameter> interval remains unchanged from previous setting.
  - — **interval** <*10 - 536870906*> transmission interval in seconds.
- *PRIORITY_NUM* BSR election priority rating. Larger numbers denote higher priority. Default value is 64.
  - — <no parameter> priority remains unchanged from previous setting.
  - — **priority** <*0 - 255*> priority rating.

</td></tr>
</table>

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)
ip pim dr-priority	ip pim dr-priority	**Command Syntax** **ip pim dr-priority** *level* **no ip pim dr-priority** [*level*] **default ip pim dr-priority** [*level*] **Parameters** • *level* DR selection priority rating. Value ranges from 0 to 4294967295.
ip pim log-neighbor-changes	ip pim log-neighbor-changes	**Command Syntax** **ip pim log-neighbor-changes** **no ip pim log-neighbor-changes** **default ip pim log-neighbor-changes**
ip pim neighbor-filter	ip pim neighbor-filter	**Command Syntax** **ip pim neighbor-filter** *access_list* **no ip pim neighbor-filter** **default ip pim neighbor-filter** **Parameters** • *access_list* name of the standard IP access list.

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)
ip pim query-interval	ip pim query-interval	**Command Syntax** `ip pim query-interval` *period* `no ip pim query-interval` [*period*] `default ip pim query-interval` [*period*] **Parameters** • *period* query interval (seconds). Value ranges from 1 to 1000000 (1 million). Default is 30.

ip pim register-source	ip pim register-source	**Command Syntax**
		`ip pim register-source` ***INT_NAME***
		`no ip pim register-source`
		`default ip pim register-source`
		Parameters
		• *INT_NAME* Interface type and number. Values include:
		— **ethernet** *e_num* Ethernet interface specified by *e_num*.
		— **loopback** *l_num* Loopback interface specified by *l_num*.
		— **management** *m_num* Management interface specified by *m_num*.
		— **port-channel** *p_num* Port channel interface specified by *p_num*.
		— **vlan** *v_num* VLAN interface specified by *v_num*.

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)

ip pim rp-address	ip pim rp-address	**Command Syntax**
		`ip pim rp-address rp_addr [MULTICAST_SUBNET] [HASHMASK_LENGTH] [BSR_OVERRIDE] [PRIORITY_NUM]`
		`no ip pim rp-address rp_addr [MULTICAST_SUBNET]`
		`default ip pim rp-address rp_addr [MULTICAST_SUBNET]`
		
		Parameters
		• *rp_addr* Rendezvous point IP address (dotted decimal notation).
		• *MULTICAST_SUBNET* Multicast IP address space (CIDR or address-mask).
		— <no parameter> Default multicast group IP address of 224/4.
		— *gp_addr* Multicast group IP address (CIDR or address-mask).
		— **access-list** *acl_name* Standard access control list that specifies the multicast group address.
		— *acl_name* Standard access control list that specifies the multicast group address.
		• *HASHMASK_LENGTH* Length (in bits) of the hash mask.
		— <no parameter> hash mask remains unchanged from previous setting.
		— **hashmask** <*0 - 32*> hash mask length (in bits). Default value is 30.
		• *BSR_OVERRIDE* Configures priority relative to dynamic RPs selected by BSR.
		— <no parameter> Dynamic RPs have priority over specified RP.
		— **override** RP has priority over dynamic RPs.
		• *PRIORITY_NUM* BSR election priority rating. Larger numbers denote higher priority. Default value is 64.
		— <no parameter> priority remains unchanged from previous setting.
		— **priority** <*0 - 255*> priority rating.

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)

ip pim rp-candidate	ip pim rp-candidate	**Command Syntax**
		The *INTERFACE* parameter is always listed first. All other parameters can be placed in any order.
		`ip pim rp-candidate INTERFACE [GROUP_ADDR] [PRIORITY_NUM] [INTERVAL_PERIOD]`
		`no ip pim rp-candidate [INTERFACE] [GROUP_ADDR]`
		`no ip pim rp-candidate [INTERFACE] interval`
		`no ip pim rp-candidate [INTERFACE] priority`
		`default ip pim rp-candidate [INTERFACE] [GROUP_ADDR]`
		`default ip pim rp-candidate [INTERFACE] interval`
		`default ip pim rp-candidate [INTERFACE] priority`
		Parameters
		• *INTERFACE* Switch uses IP address of specified interface as its C-RP address. Options include:
		— **ethernet** *e_num* Ethernet interface specified by *e_num*.
		— **loopback** *l_num* Loopback interface specified by *l_num*.
		— **management** *m_num* Management interface specified by *m_num*.
		— **port-channel** *p_num* Port-Channel Interface specified by *p_num*.
		— **vlan** *v_num* VLAN interface specified by *v_num*.
		— **vxlan** *vx_num* VXLAN interface specified by *vx_num*.
		• *GROUP_ADDR* address of multicast group for which candidate is configured. Options include:
		— <no parameter> default multicast group (224.0.0.0/4).
		— *net_addr* multicast IPv4 subnet address (CIDR or address mask).
		— **access-list** *acl_name* standard access control list that specifies the multicast group address.
		• *PRIORITY_NUM* RP selection priority rating. Smaller numbers denote higher priority.
		— <no parameter> priority rating is set to the default value of 0.
		— **priority** <*0 - 255*> priority rating.

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)
		• *INTERVAL_NUM* Period between consecutive RP-advertisement message transmissions (seconds). Value also applies to previously configured rp-candidate statements. — <no parameter> interval remains unchanged from previous setting. — **interval** *<10 - 16383>* transmission interval.

ip pim sparse-mode	ip pim sparse-mode	**Command Syntax**
		`ip pim sparse-mode`
		`no ip pim`
		`no ip pim sparse-mode`
		`default ip pim`
		`default ip pim sparse-mode`

ip pim spt-threshold	ip pim spt-threshold	**Command Syntax**
		`ip pim spt-threshold JOIN`
		`no ip pim spt-threshold`
		`default ip pim spt-threshold`
		Parameters
		• *JOIN* specifies switch's use of the short path tree (SPT). Options include:
		— **0** The switch immediately joins the SPT. This is the default value.
		— **infinity** The switch never joins the SPT.

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)

ip pim spt-threshold group-list	ip pim spt-threshold group-list	**Command Syntax**
		`ip pim spt-threshold JOIN group-list acl_name`
		`no ip pim spt-threshold JOIN group-list acl_name`
		`default ip pim spt-threshold JOIN group-list acl_name`
		Parameters
		• *JOIN* specifies switch's use of the short path tree (SPT) for specified groups. Options include:
		— **0** The switch immediately joins the SPT. This is the default value.
		— **infinity** The switch never joins the SPT.
		• *acl_name* name of access control list.

ip pim ssm range	ip pim ssm range	**Command Syntax**
		`ip pim ssm range [ACCESS_RANGE]`
		`no ip pim ssm range`
		`default ip pim ssm range`
		Parameters
		• *ACCESS_RANGE* specifies the SSM IP multicast address range. Options include:
		— *acl_name* sets the SSM range to address set specified by the standard ACL.
		— **standard** sets the SSM range to 232/8.

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)

ip prefix-list	ip prefix-list	**Command Syntax**
		`ip prefix-list list_name [SEQUENCE] FILTER_TYPE network_addr [MASK]`
		`no ip prefix-list list_name [SEQUENCE]`
		`default ip prefix-list list_name [SEQUENCE]`
		
		Parameters
		• *list_name* The label that identifies the prefix list.
		• *SEQUENCE* Sequence number of the prefix list entry. Options include
		— <no parameter> entry's number is ten plus highest sequence number in current list.
		— **seq** *seq_num* number assigned to entry. Value ranges from 0 to 65535.
		• *FILTER_TYPE* specifies route access when it matches IP prefix list. Options include:
		— **permit** routes are permitted access when they match the specified subnet.
		— **deny** routes are denied access when they match the specified subnet.
		• *network_addr* Subnet upon which command filters routes. Format is CIDR or address-mask.
		• *MASK* rrange of the prefix to be matched.
		— <no parameter> exact match with the subnet mask is required.
		— **eq** *mask_e* prefix length is equal to *mask_e*.
		— **ge** *mask_g* range is from *mask_g* to 32.
		— **le** *mask_l* range is from *subnet* mask length to *mask_l*.
		— **ge** *mask_l* **le** *mask_g* range is from *mask_g* to *mask_l*.
		mask_e, *mask_l* and *mask_g* range from 1 to 32.
		when **le** and **ge** are specified, *subnet* mask > *mask_g*>*mask_l*

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)

ip protocol	ip protocol (Monitor Reachability Probe Transmitter)	**Command Syntax**
		`ip protocol PROT_TYPE`
		`no ip protocol`
		`default ip protocol`
		Parameters
		• *PROT_TYPE* Specifies the IP protocol. Options include:
		— **tcp** TCP packets.
		— **udp** UDP packets.

ip proxy-arp	ip proxy-arp	**Command Syntax**
		`ip proxy-arp`
		`no ip proxy-arp`
		`default ip proxy-arp`

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)

ip radius source-interface	ip radius source-interface	**Command Syntax**
		`ip radius [VRF_INST] source-interface INT_NAME`
		`no ip radius [VRF_INST] source-interface`
		`default ip radius [VRF_INST] source-interface`
		Parameters
		• *VRF_INST* specifies the VRF instance used to communicate with the specified server.
		— <no parameter> switch communicates with the server using the default VRF.
		— **vrf** *vrf_name* switch communicates with the server using the specified user-defined VRF.
		• *INT_NAME* Interface type and number. Options include:
		— **interface ethernet** *e_num* Ethernet interface specified by *e_num*.
		— **interface loopback** *l_num* Loopback interface specified by *l_num*.
		— **interface management** *m_num* Management interface specified by *m_num*.
		— **interface port-channel** *p_num* Port-Channel Interface specified by *p_num*.
		— **interface vlan** *v_num* VLAN interface specified by *v_num*.

ip rip v2-broadcast	ip rip v2-broadcast	**Command Syntax**
		`ip rip v2-broadcast`
		`no ip rip v2-broadcast`
		`default ip rip v2-broadcast`

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)

ip route	ip route	**Command Syntax**
		`ip route [VRF_INSTANCE] dest_net NEXTHOP [DISTANCE] [TAG_OPTION] [RT_NAME]`
		`no ip route [VRF_INSTANCE] dest_net [NEXTHOP] [DISTANCE]`
		`default ip route [VRF_INSTANCE] dest_net [NEXTHOP] [DISTANCE]`
		
		Parameters
		• *VRF_INSTANCE* Specifies the VRF instance being modified.
		— <no parameter> Changes are made to the default VRF.
		— **vrf** *vrf_name* Changes are made to the specified VRF.
		• *dest_net* Destination IPv4 subnet (CIDR or address-mask notation).
		• *NEXTHOP* Location or access method of next hop device. Options include:
		— *ipv4_addr* An IPv4 address.
		— **null0** Null0 interface.
		— **ethernet** *e_num* Ethernet interface specified by *e_num*.
		— **loopback** *l_num* Loopback interface specified by *l_num*.
		— **management** *m_num* Management interface specified by *m_num*.
		— **port-channel** *p_num* Port-channel interface specified by *p_num*.
		— **vlan** *v_num* VLAN interface specified by *v_num*.
		— **vxlan** *vx_num* VXLAN interface specified by *vx_num*.
		• *DISTANCE* Administrative distance assigned to route. Options include:
		— <no parameter> Route assigned default administrative distance of one.
		— <1-255> The administrative distance assigned to route.
		• *TAG_OPTION* static route tag. Options include:
		— <no parameter> Assigns default static route tag of 0.
		— **tag** *t_value* Static route tag value. *t_value* ranges from ***0*** to ***4294967295***.

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)
		• *RT_NAME* Associates descriptive text to the route. Options include: — <no parameter> No text is associated with the route. — **name** *descriptive_text* The specified text is assigned to the route.

ip routing	ip routing	**Command Syntax**
		`ip routing [VRF_INSTANCE]`
		`no ip routing [DELETE_ROUTES] [VRF_INSTANCE]`
		`default ip routing [DELETE_ROUTES] [VRF_INSTANCE]`
		Parameters
		• *DELETE_ROUTES* Resolves routing table static entries when routing is disabled.
		— <no parameter> Routing table retains static entries.
		— **delete-static-routes** Static entries are removed from the routing table.
		• *VRF_INSTANCE* specifies the VRF instance being modified.
		— <no parameter> changes are made to the default VRF.
		— **vrf** *vrf_name* changes are made to the specified user-defined VRF.

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)

ip tacacs source-interface	ip tacacs source-interface	**Command Syntax**
		`ip tacacs [VRF_INST] source-interface INT_NAME`
		`no ip tacacs [VRF_INST] source-interface`
		`default ip tacacs [VRF_INST] source-interface`
		Parameters
		• *VRF_INST* specifies the VRF instance used to communicate with the specified server.
		— <no parameter> switch communicates with the server using the default VRF.
		— **vrf** *vrf_name* switch communicates with the server using the specified user-defined VRF.
		• *INT_NAME* Interface type and number. Options include:
		— **interface ethernet** *e_num* Ethernet interface specified by *e_num*.
		— **interface loopback** *l_num* Loopback interface specified by *l_num*.
		— **interface management** *m_num* Management interface specified by *m_num*.
		— **interface port-channel** *p_num* Port-Channel Interface specified by *p_num*.
		— **interface vlan** *v_num* VLAN interface specified by *v_num*.

ipv6 access-list	ipv6 access-list	**Command Syntax**
		`ipv6 access-list list_name`
		`no ipv6 access-list list_name`
		`default ipv6 access-list list_name`
		Parameters
		• *list_name* Name of ACL.
		Must begin with an alphabetic character. Cannot contain spaces or quotation marks.

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)
ipv6 address	ipv6 address	**Command Syntax** **ipv6 address** *ipv6_prefix* **no ipv6 address** [*ipv6_prefix*] **default ipv6 address** [*ipv6_prefix*] **Parameters** • *ipv6_prefix* address assigned to the interface (CIDR notation).
ipv6 dhcp relay destination	ipv6 dhcp relay destination	**Command Syntax** **ipv6 dhcp relay destination** *ipv6_addr* **no ipv6 dhcp relay destination** [*ipv6_addr*] **default ipv6 dhcp relay destination** [*ipv6_addr*] **Parameters** • *ipv6_addr* DCHP Server's IPv6 address.
ipv6 enable	ipv6 enable	**Command Syntax** **ipv6 enable** **no ipv6 enable** **default ipv6 enable**

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)
ipv6 host	ipv6 host	**Command Syntax** **ipv6 host** *hostname hostadd_1* [*hostadd_2*] ... [*hostadd_X*] **no ipv6 host** [*hostname*] [*hostadd_1*] [*hostadd_2*] [*hostadd_X*] **default ipv6 host** [*hostname*] [*hostadd_1*] [*hostadd_2*] [*hostadd_X*] **Parameters** • *hostname* hostname (text). • *hostadd_N* IPv6 addresses associated with hostname (dotted decimal notation).
ipv6 access-group	ipv6 access-group	**Command Syntax** **ipv6 access-group** *list_name* ***DIRECTION*** **no ipv6 access-group** *list_name* ***DIRECTION*** **default ipv6 access-group** *list_name* ***DIRECTION*** **Parameters** • *list_name* name of ACL assigned to interface. • *DIRECTION* transmission direction of packets, relative to interface. Valid options include: — **in** inbound packets. — **out** outbound packets.
ipv6 nd managed-config-flag	ipv6 nd managed-config-flag	**Command Syntax** **ipv6 nd managed-config-flag** **no ipv6 nd managed-config-flag** **default ipv6 nd managed-config-flag**

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)
ipv6 nd ns-interval	ipv6 nd ns-interval	**Command Syntax** **`ipv6 nd ns-interval`** *`period`* **`no ipv6 nd ns-interval`** **`default ipv6 nd ns-interval`** **Parameters** • *period* interval in milliseconds between successive IPv6 neighbor solicitation transmissions. Values range from 1000 to 4294967295. The default period is 1000 milliseconds.
ipv6 nd other-config-flag	ipv6 nd other-config-flag	**Command Syntax** **`ipv6 nd other-config-flag`** **`no ipv6 nd other-config-flag`** **`default ipv6 nd other-config-flag`**

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)

ipv6 nd prefix	ipv6 nd prefix	**Command Syntax**
		`ipv6 nd prefix ipv6_prefix LIFETIME [FLAGS]`
		`ipv6 nd prefix ipv6_prefix no-advertise`
		`no ipv6 nd prefix ipv6_prefix`
		`default ipv6 nd prefix ipv6_prefix`
		
		Parameters
		• *ipv6_prefix* IPv6 prefix (CIDR notation).
		• **no-advertise** Prevents advertising of the specified prefix.
		• *LIFETIME* Period that the specified IPv6 prefix is advertised (seconds). Options include
		— *valid preferred* Two values that set the ***valid*** and ***preferred*** lifetime periods.
		— *valid* One value that sets the ***valid*** lifetime. The ***preferred*** lifetime is set to the default value.
		— <no parameter> The ***valid*** and ***preferred*** lifetime periods are set to their default values.
		
		Options for *valid*: <***0*** to ***4294967295***> and **infinite**. Default value is 2592000
		Options for *preferred*: <***0*** to ***4294967295***> and **infinite**. Default value is 604800
		The maximum value (***4294967295***) and **infinite** are equivalent settings.
		
		• *FLAGS* ***on-link*** and ***autonomous address-configuration*** flag values in RAs.
		— <no parameter> both flags are set.
		— **no-autoconfig** ***autonomous address-configuration*** flag is reset.
		— **no-onlink** ***on-link*** flag is reset.
		— **no-autoconfig no-onlink** both flags are reset.
		— **no-onlink no-autoconfig** both flags are reset.

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)
ipv6 nd ra interval	ipv6 nd ra interval	**Command Syntax** `ipv6 nd ra interval [`***`SCALE`***`]` *ra_period* [*minimum_period*] **`no ipv6 nd ra interval`** **`default ipv6 nd ra interval`** **Parameters** • *SCALE* timescale in which command parameter values are expressed. — <no parameter> seconds — **msec** milliseconds • *ra_period* maximum interval between successive IPv6 RA transmissions. The default period is 200 seconds. — ***<4 - 1800>*** valid range when **scale** is set to default value (seconds). — ***<500 - 1800000>*** valid range when **scale** is set to ***msec***. • *minimum_period* minimum interval between successive IPv6 RA transmissions. Must be smaller than *ra_period*. By default, a minimum period is not defined. — <no parameter> Command does not specify a minimum period. — ***<3 - 1799>*** valid range when **scale** is set to default value (seconds). — ***<375 - 1799999>*** valid range when **scale** is set to ***msec***.

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)

ipv6 nd ra lifetime	ipv6 nd ra lifetime	**Command Syntax**
		`ipv6 nd ra lifetime` *`ra_lifetime`*
		`no ipv6 nd ra lifetime`
		`default ipv6 nd ra lifetime`
		Parameters
		• *ra_lifetime* router lifetime period (seconds). Default value is 1800. Options include
		— *<0>* Router should not be considered as a default router
		— ***<1 - 65535>*** Lifetime period advertised in RAs. Should be greater than or equal to the interval between IPv6 RA transmissions from the configuration mode interface as set by the **ipv6 nd ra interval** command.

ipv6 nd ra suppress	ipv6 nd ra suppress	**Command Syntax**
		`ipv6 nd ra suppress [`*`SCOPE`*`]`
		`no ipv6 nd ra suppress`
		`default ipv6 nd ra suppress`

ipv6 nd reachable-time	ipv6 nd reachable-time	**Command Syntax**
		`ipv6 nd reachable-time` *`period`*
		`no ipv6 nd reachable-time`
		`default ipv6 nd reachable-time`
		Parameters
		• *period* Reachable time value (milliseconds). Value ranges from ***0*** to ***4294967295***. Default is **0**.

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)
ipv6 nd router-preference	ipv6 nd router-preference	**Command Syntax** **ipv6 nd router-preference** ***RANK*** **no ipv6 nd router-preference** **default ipv6 nd router-preference** **Parameters** • *RANK* Router preference value. Options include: — **high** — **low** — **medium**
ipv6 neighbor	ipv6 neighbor	**Command Syntax** **ipv6 neighbor** *ipv6_addr* ***PORT*** *mac_addr* **no ipv6 neighbor** *ipv6_address* ***PORT*** **default ipv6 neighbor** *ipv6_addr* ***PORT*** **Parameters** • *ipv6_addr* Neighbor's IPv6 address. • *PORT* Interface through which the neighbor is accessed. Options include: — **ethernet** *e_num* Ethernet interface specified by *e_num*. — **loopback** *l_num* Loopback interface specified by *l_num*. — **management** *m_num* Management interface specified by *m_num*. — **port-channel** *p_num* Port-channel interface specified by *p_num*. — **vlan** *v_num* VLAN interface specified by *v_num*. — **vxlan** *vx_num* VXLAN interface specified by *vx_num*. • *mac_addr* Neighbor's data-link (hardware) address. (48-bit dotted hex notation – H.H.H).

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)
ipv6 ospf area	ipv6 ospf area	**Command Syntax** **ipv6 ospf** *process_id* **area** *area_id* **no ipv6 ospf** process_id [**area** *area_id*] **default ipv6 ospf** *process_id* [**area** *area_id*] **Parameters** • *process_id* Values range from 1 to 65535. • *area_id* Valid formats: integer <**0** to **4294967295**> or dotted decimal <**0.0.0.0** to **255.255.255.255**> ***Running-config*** stores value in dotted decimal notation.
ipv6 ospf cost	ipv6 ospf cost	**Command Syntax** **ipv6 ospf cost** *interface_cost* **no ipv6 ospf cost** **default ipv6 ospf cost** **Parameters** • *interface_cost* Value ranges from 1 to 65535; default is 10.
ipv6 ospf dead-interval	ipv6 ospf dead-interval	**Command Syntax** **ipv6 ospf dead-interval** *time* **no ipv6 ospf dead-interval** **default ipv6 ospf dead-interval** **Parameters** • *time* Value ranges from 1 to 65535; default is 40.

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)
ipv6 ospf hello-interval	ipv6 ospf hello-interval	**Command Syntax** **ipv6 ospf hello-interval** *time* **no ipv6 ospf hello-interval** **default ipv6 ospf hello-interval** **Parameters** • *time* Values range from 1 to 65535; default is 10.
ipv6 ospf network	ipv6 ospf network	**Command Syntax** **ipv6 ospf network point-to-point** **no ipv6 ospf network** **default ipv6 ospf network**
ipv6 ospf priority	ipv6 ospf priority	**Command Syntax** **ipv6 ospf priority** *priority_level* **no ipv6 ospf priority** **default ipv6 ospf priority** **Parameters** • *priority_level* Settings range from 0 to 255.

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)

ipv6 ospf retransmit-interval	ipv6 ospf retransmit-interval	**Command Syntax**
		`ipv6 ospf retransmit-interval` *period*
		`no ipv6 ospf retransmit-interval`
		`default ipv6 ospf retransmit-interval`
		Parameters
		• *period* Value ranges from 1 to 65535; default is 5.

ipv6 ospf transmit-delay	ipv6 ospf transmit-delay	**Command Syntax**
		`ipv6 ospf transmit-delay` *trans*
		`no ipv6 ospf transmit-delay`
		`default ipv6 ospf transmit-delay`
		Parameters
		• *trans* Value ranges from 1 to 65535; default is 1.

ipv6 prefix-list	ipv6 prefix-list	**Command Syntax** `ipv6 prefix-list` *list_name* `no ipv6 prefix-list` *list_name* `default ipv6 prefix-list` *list_name* **Parameters** • *list_name* Name of prefix list. Must begin with an alphabetic character. Cannot contain spaces or quotation marks.

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)

ipv6 route	ipv6 route	**Command Syntax**
		`ipv6 route dest_prefix NEXTHOP [DISTANCE] [TAG_OPT] [RT_NAME]`
		`no ipv6 route dest_prefix [nexthop_addr] [DISTANCE]`
		`default ipv6 route dest_prefix [nexthop_addr] [DISTANCE]`
		
		Parameters
		• *dest_prefix* destination IPv6 prefix (CIDR notation).
		• *NEXTHOP* Access method of next hop device. Options include:
		— **null0** Null0 interface – route is dropped.
		— *nexthop_addr* IPv6 address of nexthop device.
		
		— **ethernet** *e_num* Ethernet interface specified by *e_num*.
		— **loopback** *l_num* Loopback interface specified by *l_num*.
		— **management** *m_num* Management interface specified by *m_num*.
		— **port-channel** *p_num* Port-channel interface specified by *p_num*.
		— **vlan** *v_num* VLAN interface specified by *v_num*.
		— **vxlan** *vx_num* VXLAN interface specified by *vx_num*.
		
		— **ethernet** *e_num nexthop_addr* Combination route (Ethernet interface and gateway).
		— **loopback** *l_num nexthop_addr* Combination route (loopback interface and gateway).
		— **management** *m_num nexthop_addr* Combination route (management interface and gateway).

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)
		— **port-channel** *p_num* *nexthop_addr* Combination route (port channel interface and gateway). — **vlan** *v_num* *nexthop_addr* Combination route (VLAN interface and gateway). — **vxlan** *vx_num* *nexthop_addr* Combination route (VXLAN interface and gateway) • ***DISTANCE*** administrative distance assigned to route. Options include: — <no parameter> route assigned default administrative distance of one. — <*1* to *255*> The administrative distance assigned to route. • ***TAG_OPT*** static route tag. Options include: — <no parameter> assigns default static route tag of 0. — **tag** <*0* to *4294967295*> Static route tag value. • ***RT_NAME*** Associates descriptive text to the route. Options include: — <no parameter> No text is associated with the route. — **name** *descriptive_text* The specified text is assigned to the route.
ipv6 router ospf	ipv6 router ospf	**Command Syntax** **`ipv6 router ospf`** *`process_id`* **`no router ospf`** *`process_id`* **`default router ospf`** *`process_id`* **Parameters** • *process_id* Values range from 1 to 65535.

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)

ipv6 unicast-routing	ipv6 unicast-routing	**Command Syntax**
		`ipv6 unicast-routing`
		`no ipv6 unicast-routing [DELETE_ROUTES]`
		`default ipv6 unicast-routing [DELETE_ROUTES]`
		Parameters
		• *DELETE_ROUTES* Resolves routing table static entries when routing is disabled.
		— <no parameter> Routing table retains static entries.
		— **delete-static-routes** Static entries are removed from the routing table.

isis hello-interval	isis hello-interval	**Command Syntax**
		`isis hello-interval time`
		`no isis hello-interval`
		`default isis hello-interval`
		Parameters
		• *time* Values range from 1 to 300; default is 10.

isis hello-multiplier	isis hello-multiplier	**Command Syntax**
		`isis hello-multiplier factor`
		`no isis hello-multiplier`
		`default isis hello-multiplier`
		Parameters
		• *factor* Values range from 3 to 100; default is 3

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)
isis lsp-interval	isis lsp-interval	**Command Syntax** **isis lsp-interval** *period* **no isis lsp-interval** **default isis lsp-interval** **Parameters** • *period* Value ranges from 1 through 3000. Default interval is 33 ms.
isis metric	isis metric	**Command Syntax** **isis metric** *metric_cost* **no isis metric** **default isis metric** **Parameters** • *metric_cost* Values range from 1 to 1677214. Default value is 10.
isis passive	isis passive	**Command Syntax** **isis passive** **no isis passive** **default isis passive**

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)

isis passive interface	passive-interface (IS-IS)	**Command Syntax**
		`passive-interface INTERFACE_NAME`
		`no passive-interface INTERFACE_NAME`
		`default passive-interface INTERFACE_NAME`
		Parameters
		• *INTERFACE_NAME* Options include:
		— **ethernet** *e_range* Ethernet interface list.
		— **loopback** *l_range* Loopback interface list.
		— **port-channel** *p_range* Channel group interface list.
		— **vlan** *v_range* VLAN interface list.
		Valid *e_range*, *l_range*, *p_range*, and *v_range* formats include number, range, or comma-delimited list of numbers and ranges.

isis priority	isis priority	**Command Syntax**
		`isis priority priority_level`
		`no isis priority`
		`default isis priority`
		Parameters
		• *priority_level* Value ranges from 0 to 127. Default value is 64.

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)
is-type	is-type	**Command Syntax** `is-type LAYER_VALUE` **Parameters** • *LAYER_VALUE* layer value.Options include: — **level-1** — **level-2**

lacp port-priority	lacp port-priority	**Command Syntax**
		`lacp port-priority priority_value`
		`no lacp port-priority`
		`default lacp port-priority`
		Parameters
		• *priority_level* port priority. Values range from 0 to 65535. Default is 32768

lacp rate	lacp rate	**Command Syntax**
		`lacp rate RATE_LEVEL`
		`no lacp rate`
		`default lacp rate`
		Parameters
		• *RATE_LEVEL* LACP transmission interval . Options include:
		— **fast** one second.
		— **normal** 30 seconds for synchronized interfaces; one second while interfaces synchronize.

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)
lacp system-priority	lacp system-priority	**Command Syntax** **lacp system-priority** *priority_value* **no lacp system-priority** **default lacp system-priority** **Parameters** • *priority_value* system priority number. Values range from 0 to 65535. Default is 32768.
link state group	link state group	**Command Syntax** **link state group** *group_name* ***DIRECTION*** **no link state group [***group_name***]** **default link state group [***group_name***]** **Parameters** • *group_name* link state tracking group name. • *DIRECTION* position of the interface in the link-state group. Valid options include: — **upstream** — **downstream**
link state track	link state track	**Command Syntax** **link state track** *group_name* **no link state track** *group_name* **default link state track** *group_name* **Parameters** • *group_name* link-state group name.